

Curtailment Working Group

August 12, 2020

Agenda

1. Introductions
2. Identification of issues to consider
3. Prioritization
4. Workplan

Draft considerations

Understand Theoretical Performance characteristics

- Assume ability of DU to force curtailment?
 - Not clear whether voluntary curtailment will address reliability concerns

What it means to implement curtailment strategy in a targeted manner

- Ability of distribution utility to curtail generation?
 - DUs currently can curtail generation for emergency purposes – is that sufficient rationale?
 - Are there FERC (wholesale sales in interstate commerce) issues?
- How are signals sent to generators currently?
 - ISO-NE process
 - Distribution and subtransmission – TGFOV, trip transfer
 - Ability to automate process or will it require human intervention?
- Cost of necessary communications equipment
 - Incremental to existing TGFOV and also for complete new infrastructure
- Process for identifying generation to be curtailed
 - New generation interconnected since constraint is reached?
 - Allow existing generation to volunteer to be curtailed (assuming new generation pays for lost value)?
 - Apply to all generation in constrained area?
 - If so, who selects which resources to be curtailed?

Potential for curtailment to address generation constraints

- Identification of number of hours per year (on average) where curtailment would be necessary
 - Curtailment requirements increase as amount of generation increases?
 - Assume for preliminary purpose that curtailment is only strategy?

Understanding costs and benefits of curtailment as a strategy for addressing constraints

- Value of curtailment as a strategy to address generation constraints
 - Based on value of increasing the amount of generation - costs